

**Before the
Federal Communications Commission
Washington, D.C. 20554**

In the Matter of)	PS Docket No. 06-229
)	
Quarterly Status Report for the Adams County)	
Communication Center, Adams County,)	
Colorado, for the development of a 700MHz)	
Public Safety Broadband Network)	

I. Introduction

As identified in paragraph 64 of the *Waiver Order* of May 12, 2010, Petitioners must file quarterly reports detailing the progress of system development in three areas; planning, funding and deployment. The following report is the seventh quarterly report and summarizes the efforts of the Adams County Communication Center (ADCOM 911) in this matter during the timeframe of October 20, 2011 to January 19, 2012.

II. Status Report

A. Planning

- i. **LTE System Design:** During this time ADCOM 911 finalized its overall system design. All sites are now finalized. The final design did require ADCOM 911 to alter some sites, and a fiber-optic installation path from the original design approved by the NTIA. ADCOM 911 began the process of receiving approval from the NTIA for the required changes and anticipates all necessary work will be concluded by late January 2012.
- ii. **Interoperability Showing:** ADCOM 911 submitted its initial version of the required Interoperability Showing on November 23, 2011. We met with representatives of the FCC at the PSCR technical meetings in Boulder, CO on December 1st to discuss the content. Based on feedback from that meeting we submitted a revised version on December 20, 2011.
- iii. **PLMNID:** During this period, ADCOM 911 joined three other waiver recipients (City of Charlotte, State of Mississippi, State of Texas) to formally request that a single PLMNID be issued for public safety use by February 1st, 2012. Additionally, we requested that the IMSI numbering scheme being developed by the PSCR be adopted and ready for implementation (with the potential for flexibility in implementation), by March 30, 2012.

B. Funding

- i. **BTOP Grant:** ADCOM 911 continues to manage the BTOP grant and work with the NTIA to ensure the project stays on schedule. We are making monthly draws to cover expenses and expending our cash match as required. ADCOM 911 received approval from the NTIA for its revised budget previously submitted.
- ii. **PSST Lease:** ADCOM 911 received, and paid the second year lease payment for the PSST.

C. Deployment

- i. **LTE Equipment Deployment:** During this time there was no major change in equipment deployment. We are still testing our initial capability (EPC, single test eNodeB) and have received a majority of the equipment for the network. ADCOM 911 did apply for an STA in order to perform the limited testing.
- ii. **Site Preparation:** This quarter was focused on site preparation. ADCOM 911 began the process of enhancing the power and electrical systems at several key sites. Additionally we began equipment room remodeling at several sites. All site work is going according to schedule and will be completed in time to maintain our overall schedule.
- iii. **Fiber network development:** ADCOM 911 began implementing elements of the required fiber-optic network that will be the core backhaul network. We began “lighting-up” key segments of existing fiber including two aggregation points.
- iv. **Production Network Development:** At this time ADCOM 911 is receiving much of the production equipment including outdoor cabinets, antennas and other infrastructure. We expect to begin receiving production eNodeB in February 2012 and additional UE devices by summer 2012.
- v. **Deployment Schedule:** At this time, our high-level deployment schedule is as follows (subject to change):
 - i. Receive all production equipment: Late 2011-Early 2012
 - ii. Begin eNodeB installation: February-March 2012
 - iii. Begin initial site/capacity testing: Mid 2012
 - iv. Finish initial eNodeB deployment: Late 2012
 - v. Begin System testing: Late 2012
 - vi. Final system testing/modifications: Early 2013
 - vii. Final system acceptance/production availability: Spring 2013